DATA COMMUNICATION QUALITY CONTROL SYSTEM, TRANSMITTER SYSTEM AND RECEIVER

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Cited documents:

JP11356854
JP11098128
JP11355263
JP7170290
JP11187387

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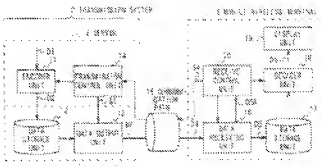
Abstract of **WO0232083**

An optimum communication quality in accordance with the type of data can be ensured between a transmitter system and a receiver. In a radio communication system (1) that controls the data communication quality between a transmitter system (2) that transmits contents and a mobile radio terminal (8) that receives the contents from the transmitter system (2) via a predetermined transmission path (15), the transmitter system (2) switches modulation methods in a data transmitting unit (13) in accordance with the type of the contents to be transmitted to the mobile radio terminal (8), thereby controlling the data communication quality between the transmitter system (2) and the mobile radio terminal (8). In this way, a data transmission from the transmitter system (2) to the mobile radio terminal (8) can be performed with a required data communication quality maintained by a modulation method that is the most suitable for the type of the contents.



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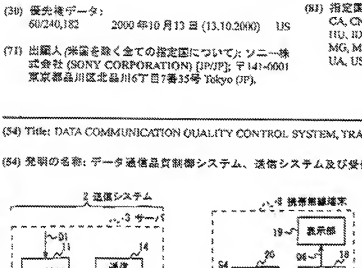
(54) Title: DATA COMMUNICATION QUALITY CONTROL SYSTEM, TRANSMITTER SYSTEM AND RECEIVER

(54) 発明の名称: データ通信品質制御システム、送信システム及び受信機



2...TRANSMITTER SYSTEM
3...SERVER
11...ENCODER UNIT
12...DATA STORING UNIT
14...TRANSMISSION CONTROL UNIT
13...DATA TRANSMITTING UNIT
4...BASE STATION
15...TRANSMISSION PATH
8...MOBILE RADIO TERMINAL
20...RECEPTION CONTROL UNIT
16...DATA RECEIVING UNIT
19...DISPLAY UNIT
18...DECODER UNIT
17...DATA STORING UNIT

(57) Abstract: An optimum communication quality in accordance with the type of data can be ensured between a transmitter system and a receiver. In a radio communication system (1) that controls the data communication quality between a transmitter system (2) that transmits contents and a mobile radio terminal (8) that receives the contents from the transmitter system (2) via a predetermined transmission path (15), the transmitter system (2) switches modulation methods in a data transmitting unit (13) in accordance with the type of the contents to be transmitted to the mobile radio terminal (8), thereby controlling the data communication quality between the transmitter system (2) and the mobile radio terminal (8). In this way, a data transmission from the transmitter system (2) to the mobile radio terminal (8) can be performed with a required data communication quality maintained by a modulation method that is the most suitable for the type of the contents.

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